

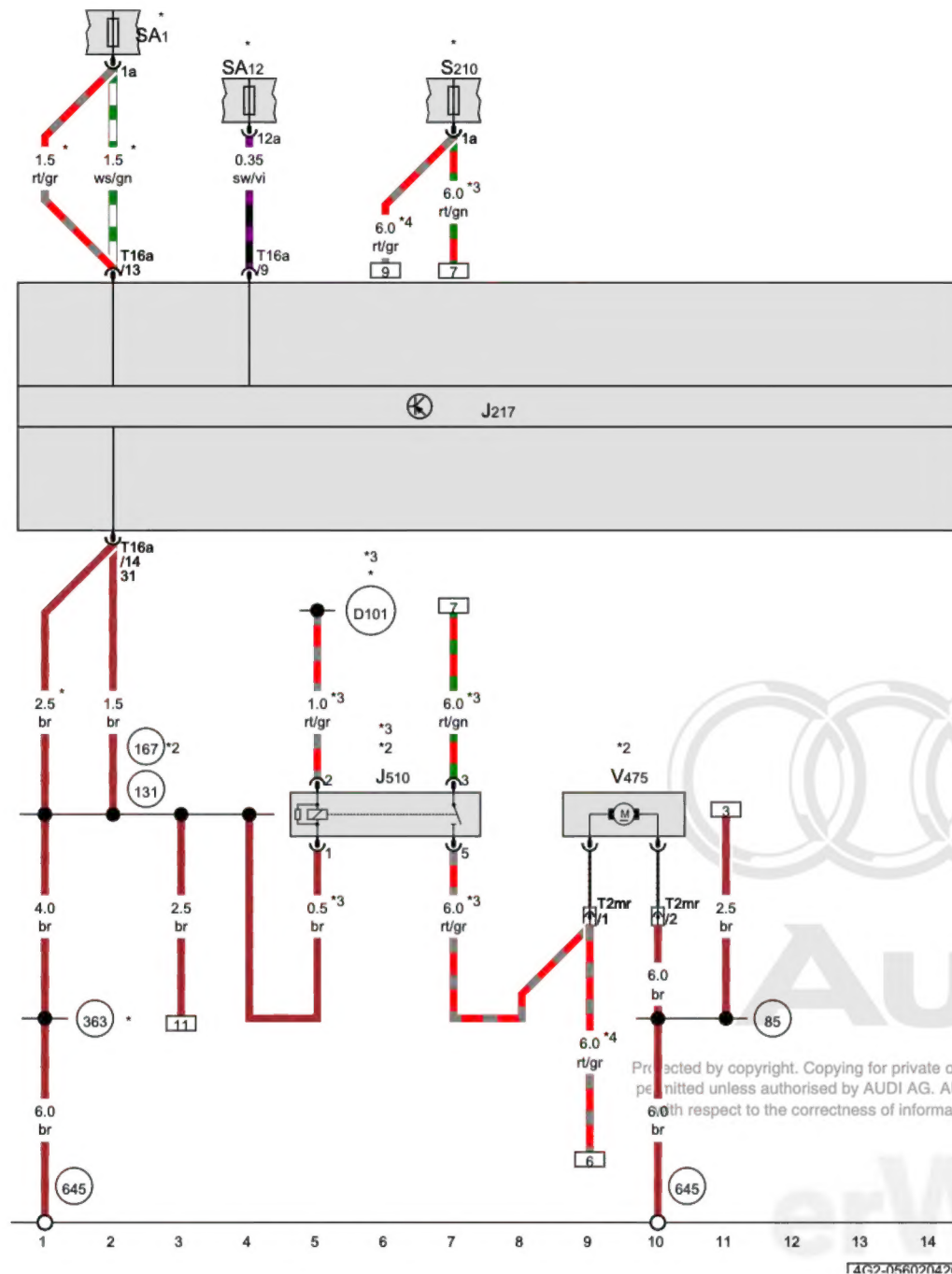
Automatic Transmission 8-Speed 0BK/0BW , (G1F),(G1G)

From June 2011



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Transmission Control Module, Transmission Hydraulic Pump Relay, Transmission Fluid Auxiliary Hydraulic Pump 1

- J217 Transmission Control Module
- J510 Transmission Hydraulic Pump Relay
- SA1 Fuse 1 (On Fuse Panel A)
- SA12 Fuse 12 (On Fuse Panel A)
- S210 Fuse 7 (Terminal 30)
- T2mr 2-Pin Connector, On the Transmission
- T16a 16-Pin Connector
- V475 Transmission Fluid Auxiliary Hydraulic Pump 1
- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- 167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)
- 363 Ground Connection 8 (in Engine/Motor Compartment Wiring Harness)
- 645 Ground Connection 1 on Bulkhead
- D101 Connection 1 (in Engine/Motor Compartment Wiring Harness)
- * Refer to Applicable Engine Wiring Diagram
- *2 For Vehicles with Hybrid Drive
- *3 Through October 2016
- *4 From October 2016

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

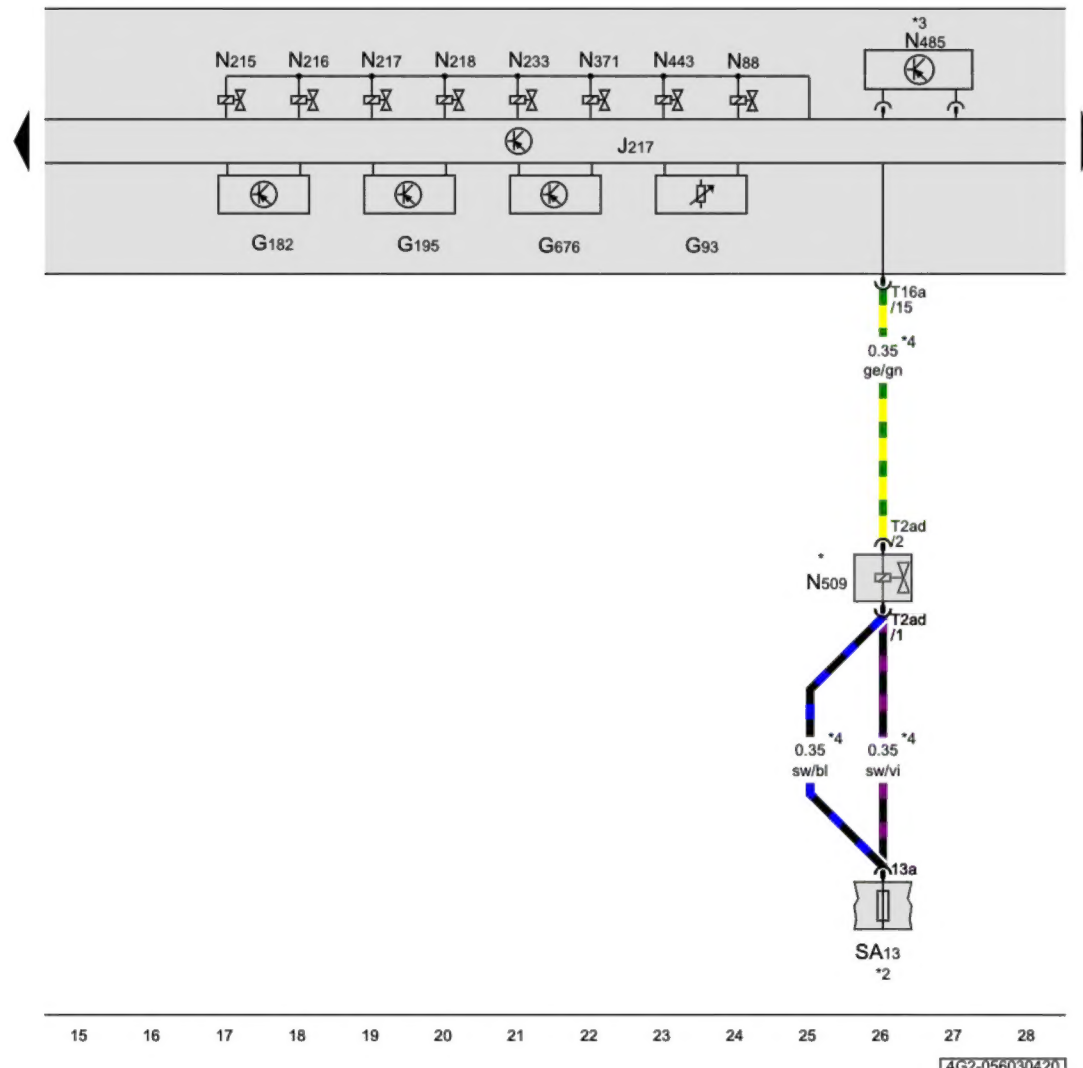
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1492-05602/0201

Transmission Fluid Temperature Sensor, Transmission Input Speed Sensor, Transmission Output Speed Sensor, Drive Position Sensor, Transmission Control Module, Solenoid Valve 1, Automatic Transmission Pressure Regulating Valve 1, Accumulator Solenoid, Transmission Fluid Cooling Valve

- G93 Transmission Fluid Temperature Sensor
- G182 Transmission Input Speed Sensor
- G195 Transmission Output Speed Sensor
- G676 Drive Position Sensor
- J217 Transmission Control Module
- N88 Solenoid Valve 1
- N215 Automatic Transmission Pressure Regulating Valve 1
- N216 Automatic Transmission Pressure Regulating Valve 2
- N217 Automatic Transmission Pressure Regulating Valve 3
- N218 Automatic Transmission Pressure Regulating Valve 4
- N233 Automatic Transmission Pressure Regulating Valve 5
- N371 Automatic Transmission Pressure Regulating Valve 6
- N443 Automatic Transmission Pressure Regulating Valve 7
- N485 Accumulator Solenoid
- N509 Transmission Fluid Cooling Valve
- SA13 Fuse 13 (On Fuse Panel A)
- T2ad 2-Pin Connector
- T16a 16-Pin Connector
- * Depending on Equipment
- *2 Refer to Applicable Engine Wiring Diagram
- *3 For Vehicles with Start/Stop System
- *4 The Color of the Wires Depends on Vehicle Equipment

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Transmission Control Module, Powertrain CAN Bus High Wire Junction, Powertrain CAN Bus Low Wire Junction, Powertrain CAN Bus High Wire Junction 2

- J217 Transmission Control Module
- J533 Data Bus on Board Diagnostic Interface
- J623 Engine/Motor Control Module
- T16a 16-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T32b 32-Pin Connector
- T46a 46-Pin Connector
- T46b 46-Pin Connector
- TV33 Powertrain CAN Bus High Wire Junction
- TV37 Powertrain CAN Bus Low Wire Junction
- TV79 Powertrain CAN Bus High Wire Junction 2
- TV82 Powertrain CAN Bus Low Wire Junction 2

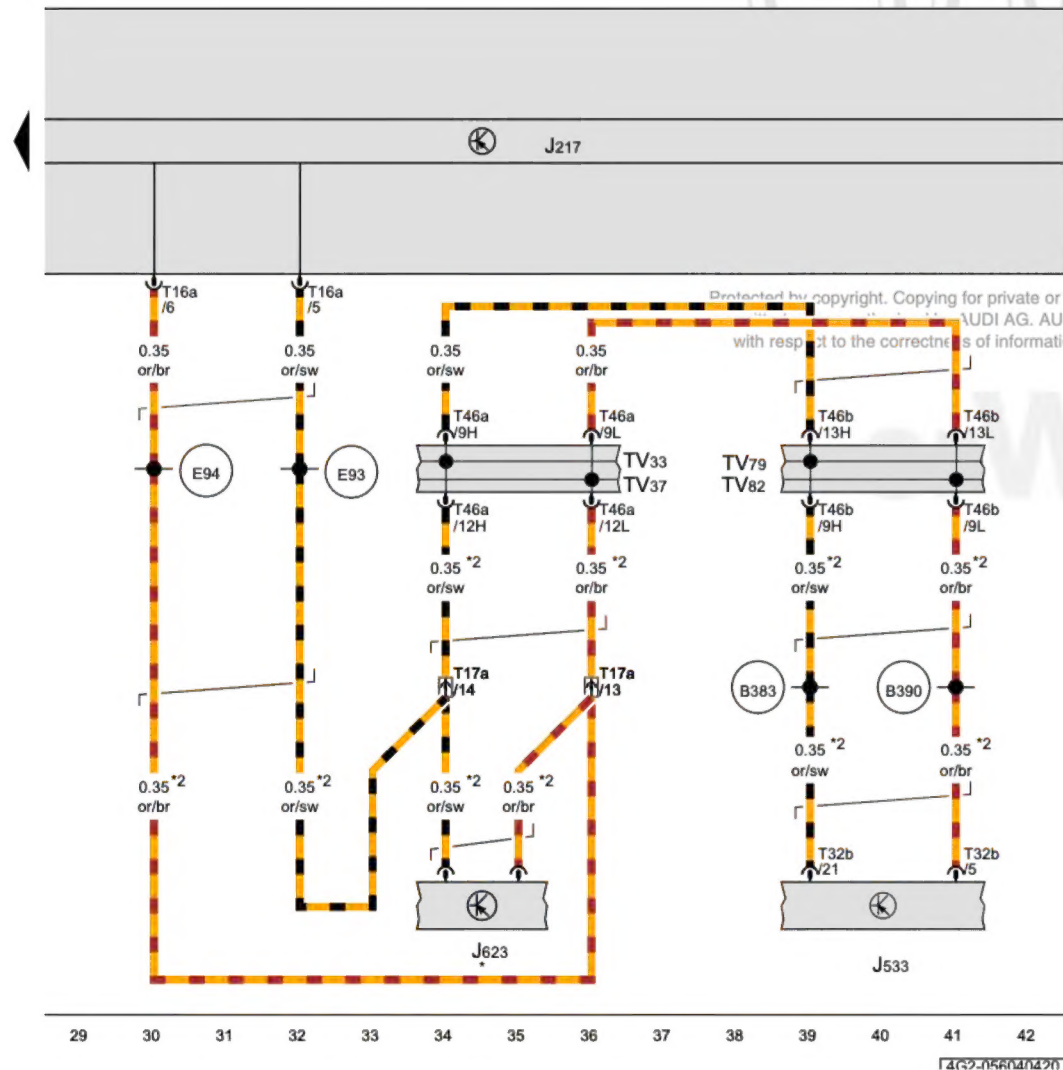
B383 Powertrain CAN Bus High Connection 1 (in Main Wiring Harness)

B390 Powertrain CAN Bus Low Connection 1 (in Main Wiring Harness)

E93 CAN Bus High Connection 1 (in Engine Wiring Harness)

E94 CAN Bus Low Connection 1 (in Engine Wiring Harness)

- * Refer to Applicable Engine Wiring Diagram
- *2 Data Bus Wire (CAN Bus)



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Transmission Control Module, Vehicle Electrical System Control Module, Selector Lever Sensor System Control Module

- J217 Transmission Control Module
- J393 Comfort System Central Control Module
- J519 Vehicle Electrical System Control Module
- J587 Selector Lever Sensor System Control Module
- J623 Engine/Motor Control Module
- T10n 10-Pin Connector
- T16a 16-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T32a 32-Pin Connector
- T32g 32-Pin Connector

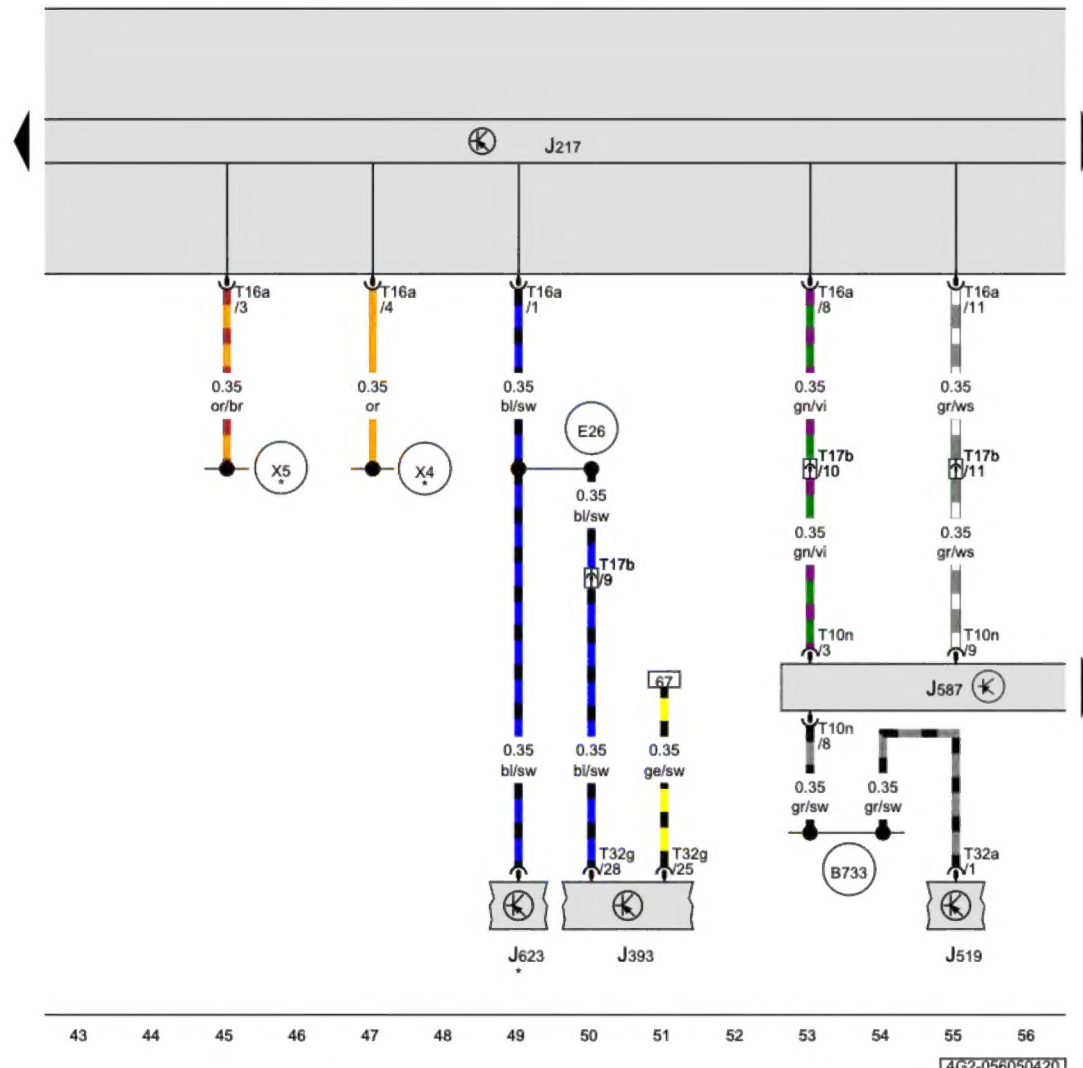
B733 Connection 58s (in Main Wiring Harness) 3

E26 Selector Lever P/N Position Connection (in Motronic Multiform Fuel Injection Wiring Harness)

X4 CAN Bus Hybrid High Connection 1 (in Engine/Motor Compartment Wiring Harness)

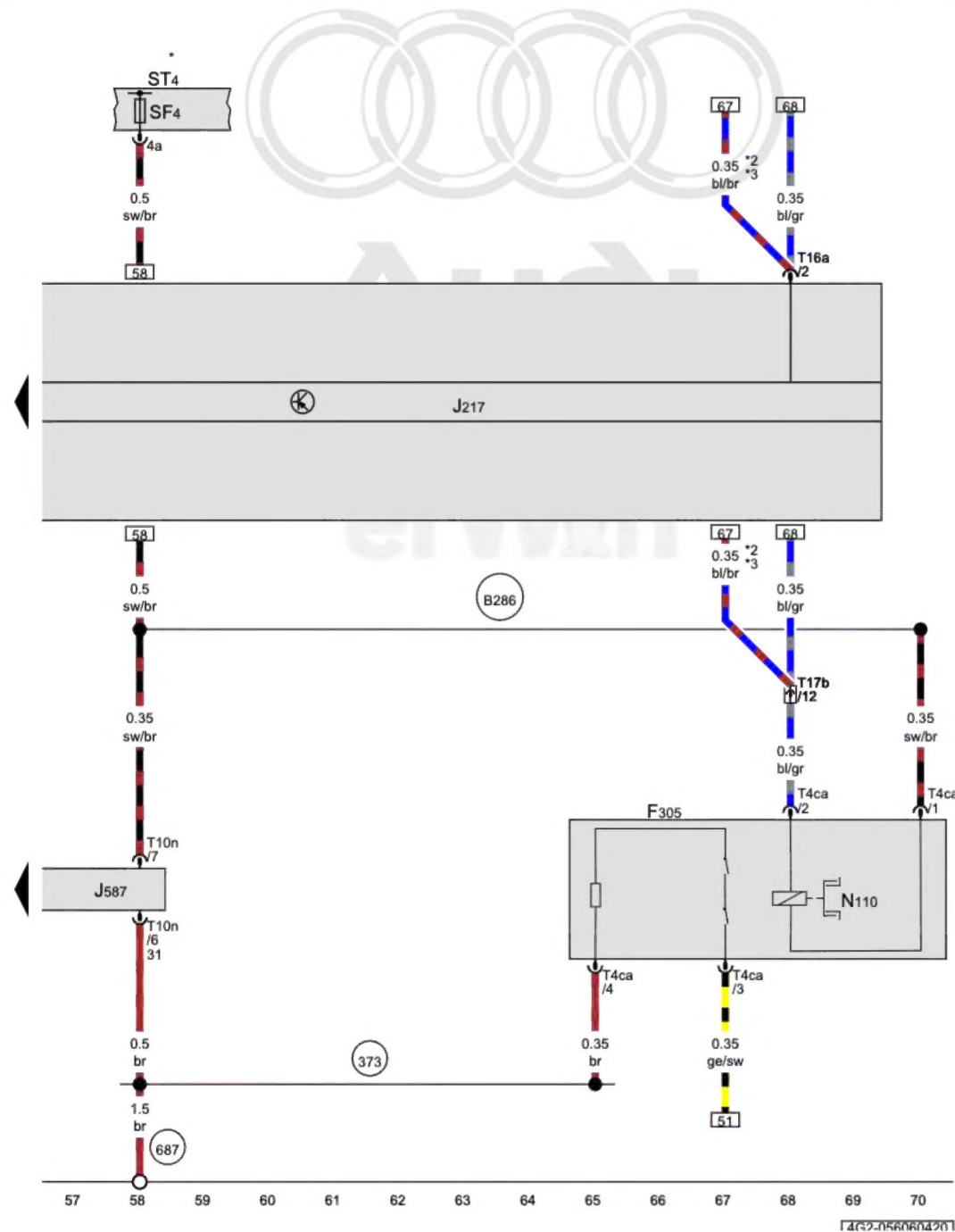
X5 CAN Bus Hybrid Low Connection 1 (in Engine/Motor Compartment Wiring Harness)

* Refer to Applicable Engine Wiring Diagram



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Transmission Park Selector Switch, Transmission Control Module, Selector Lever Sensor System Control Module, Shift Lock Solenoid

- F305 Transmission Park Selector Switch
- J217 Transmission Control Module
- J587 Selector Lever Sensor System Control Module
- N110 Shift Lock Solenoid
- SF4 Fuse 4 (On Fuse Panel F)
- ST4 Fuse Panel 4
- T4ca 4-Pin Connector
- T10n 10-Pin Connector
- T16a 16-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station

- 373 Ground Connection 8 (in Main Wiring Harness)
- 687 Ground Connection 1 on Center Tunnel
- B286 Positive Connection 10 (15a) (in Main Wiring Harness)

* Refer to Applicable Wiring Diagram for Fuse Positions
 *2 For Vehicles with Hybrid Drive
 *3 From October 2016